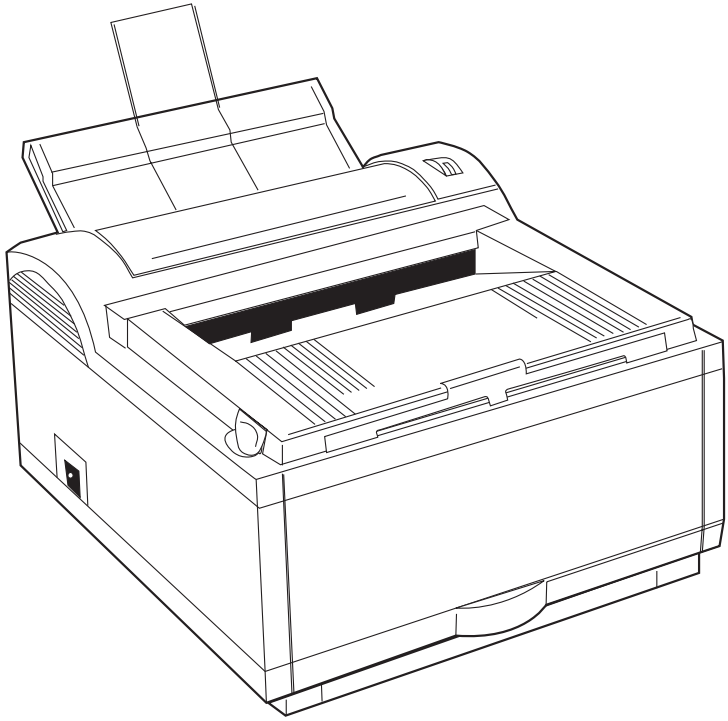
# OKIPAGE 6e/6ex

English



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## Safety Instructions

Your Oki printer has been carefully designed to give you years of safe, reliable performance. As with all electrical equipment, however, there are a few basic precautions you should take to avoid hurting yourself or damaging the printer:

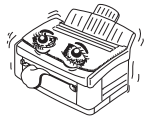
- Read the setup instructions in this handbook carefully. Be sure to save it for future reference.
- Read and follow all warning and instruction labels on the printer itself.
- Unplug the printer before you clean it. Use only a damp cloth; do not use liquid or aerosol cleaners.
- Place your printer on a firm, solid surface. If you put it on something unsteady, it may fall and be damaged; if you place it on a soft surface, such as a rug, sofa, or bed, the vents may become blocked, causing the printer to overheat.
- To protect your printer from overheating, make sure all openings on the printer are not blocked. Do not put the printer on or near a heat source, such as a radiator or heat register. Keep it out of direct sunlight. Allow enough room around the printer for adequate ventilation and easy access to the paper trays.
- Do not use your printer near water, or spill liquid of any kind into it.
- Be certain that your power source matches the rating listed on the back of the printer. If you are not sure, check with your dealer or with your local power company.
- Your printer has an earthed, 3-prong plug as a safety feature, and it will only fit into an earthed outlet. If you can not plug it in, chances are you have an older, non-earthed outlet; contact an electrician to have the outlet replaced. Do not use an adapter to defeat the earthing.
- To avoid damaging the power cord, do not put anything on it or place it where it will be walked on. If the cord becomes damaged or frayed, replace it immediately.
- If you are using an extension cord or power strip with the printer, make sure that the total of the amperes required by all the equipment on the extension is less than the extension's rating. The total ratings of all equipment plugged into the outlet should not exceed 15 amperes.
- This printer must be installed near to a power outlet switch which shall remain easily accessible.
- Do not poke anything into the ventilation slots on the printer; you could get a shock or cause a fire.
- Aside from the routine maintenance described in this handbook, do not try to service the printer yourself; opening the cover may expose you to shocks or other hazards.

- Lifting the top cover exposes hot surfaces. These are clearly labelled. Do NOT touch them.
- Do not make any adjustments other than those outlined in the handbook you may cause damage requiring extensive repair work.

If anything happens that indicates that your printer is not working properly or has been damaged, unplug it immediately and contact your dealer.

These are some of the things to look for:

- The power cable or plug is frayed or damaged.
- Liquid has been spilled into the printer, or it has been exposed to water.
- The printer has been dropped, or the cabinet is damaged.
- The printer does not function normally when you are following the operating instructions.



*Always use genuine OKI consumables. Some alternatives can cause serious damage and may affect your warranty.*

CE

*This product complies with the requirements of the Council Directives 89/336/EEC and 73/23/EEC on the approximation of the laws of the member states relating to electromagnetic compatibility and low voltage.*

*As an ENERGY STAR Partner, Oki has determined that this product meets the ENERGY STAR guidelines for*

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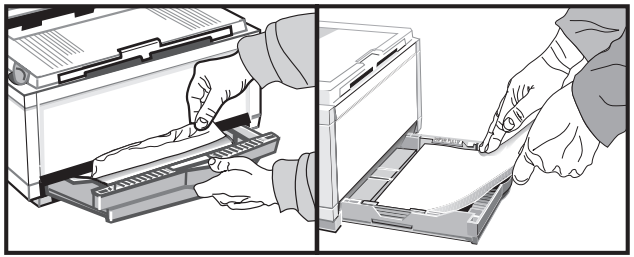
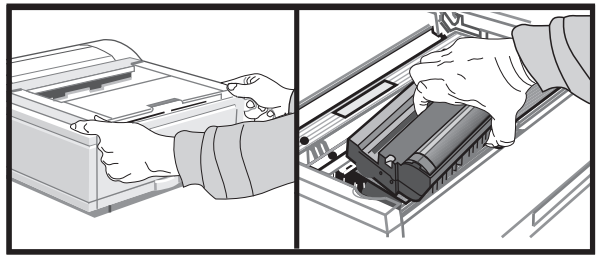
# Clearing Paper Jams

## Paper Input Jam



Push the tab on the paper tray then slide the paper tray out of the printer. Remove the sheet that did not feed. Check the remaining sheets to make sure they are not wrinkled or stuck together. Replace the tray, then open and close the top cover to clear the message.

## Paper Feed Jam or Paper Exit Jam (top jam)



Open the cover. Lift out the image drum.

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⚠ ***Be careful: the fuser unit at the back of the printer is hot!***

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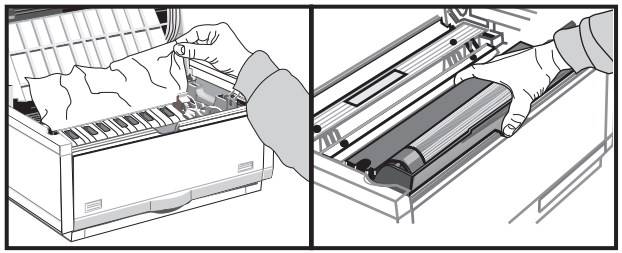
Remove the jammed paper. Replace the image drum. Close the cover.

## Paper Exit Jam (rear jam)

Lift the top cover. Pull the jammed paper out from within the printer. ***Be careful, pulling quickly may damage the printer***. Remove the image drum to make sure that the paper is cleared and no pieces are left. Replace the image drum and close the cover.



## Print Quality Problems

Before consulting a service representative regarding a print quality problem, check the table below to see if there is a solution, or something you might have overlooked.

| Symptom | Problem | Solution |
|---|---|---|
| Blank sheets printed. | Image drum cartridge not properly installed. | Reinstall image drum cartridge. |
| | Empty or missing toner cartridge. | Install new toner cartridge. |
| Entire page prints faintly. | Empty toner cartridge. Pages get fainter when toner is used up. | Install new toner cartridge. |
| | LED array is dirty. | Clean LED array. |
| Page has grey background. | Static electricity, generally from dry environments, causes toner to stick to background. | Change papers to a smoother laser bond or use a humidifier. |

| Symptom | Problem | Solution |
|---|---|---|
| Page prints all black. | Hardware problem. | Contact your service representative. |
| Page has repetitive marks. | Damaged image drum cartridge causes repetitive marks every 1.6 inches (4.06 cm) due to surface nicks and scratches. | Generate a Cleaning Page, repetitive marks may be temporary. |
| Oblong area of faint print appears on each page. | Dropout caused by using paper exposed to high humidity. | Change paper stocks, check paper storage environment or use a dehumidifier; check toner level. |
| Vertical white streaking or faint areas on page. | Toner is low and does not distribute properly, or the drum is worn out. | Replace toner cartridge. Check drum and replace the drum, if necessary. Contact service. |
| | LED array is dirty. | Clean LED array. |
| Vertical black lines. | Is toner low? | Replace toner cartridge. |
| | Hardware problem. | Contact service. |
| Fuzzy print. | LED array is dirty. | Clean LED array. |

| Symptom | Problem | Solution |
|---|---|---|
| Distorted print. | Paper path, lamp assembly, or fusing unit problem. | Generate Cleaning Page.<br>Contact service. |
| Faded print. | Toner cartridge is not correctly installed. | Install toner cartridge correctly. |
| Smeared or blotched print. | Dirty rollers; toner dropped inside printer or image drum problem. | Generate Cleaning Page.<br>Contact service. |
| Printed page is light/blurred. | Is toner low?<br>Is paper meant for laser printers?<br>LED array is dirty. | Replace toner cartridge.<br>Use recommended paper.<br>Clean LED array. |
| Bold characters and dark lines are smeared. | Toner is low. | Install new toner cartridge. |
| Print is darker than usual. | Darkness setting is too high. | Change darkness setting. |

| Symptom | Problem | Solution |
|---|---|---|
| Pages curl excessively. | Printing on wrong side of paper. | Turn paper over in tray. (Note arrow on paper package). Install paper print side down in tray. |
| | Moisture in paper, Improper storage. | Avoid storing paper in areas of excessive temperature and humidity. Store paper in protective wrapping. |
| | High humidity. | Recommended operating humidity: 20-80% |

## Software Problems

Your software (operating environment, applications and printer drivers) controls the printing process. Make sure you have selected the right driver for use with your printer. See your software documentation for more information.

| Symptom | Problem | Solution |
|---|---|---|
| Printing is “garbled”. | Incorrect driver is installed. | Install an appropriate driver. |
| Printer’s output is below rated speed. | Much of the printing delays will be caused by your application. Sometimes, purely text documents will print slowly depending on the selected fonts and how they are transferred to the printer. | For maximum speed, use text in your document and use a printer resident font. |
| Size of top margin increases with each page printed. | “Creeping text.” Number of lines per page in software is not equal to number of lines per page of printer. | Many software packages assume 66 lines per page, but your printer’s default is 64. Adjust software accordingly, or set LINES Per PAGE in the soft control panel to equal lines per page in your software. |

## Hardware Problems

| Symptom | Problem | Solution |
|---|---|---|
| Graphic image prints partly on one page, partly on the next. | Insufficient printer memory for this image at this resolution. | Change the resolution, reduce the image size, or install more memory in your printer. |
| When you try to print nothing happens, but printer indicates it is ready to receive data. | Configuration error. | Check cable connection. If more than one printer is available, make sure your printer has been selected. |
| "Garbage" prints. | Incorrect cable configuration. (Also, see "Software Problems.") | Check cable configuration, continuity, and length. |
| Printer freezes or displays error message when computer is rebooted. | Booting the computer while the printer is on can cause a communications error. | Turn printer off before rebooting computer. |
| Odours. | Gases are given off by forms or adhesives passing through the hot fusing unit. | Make sure the forms you use can withstand heating, and provide adequate ventilation. |
| Printer is on but must "warm up" before a job is printed. | Power Save mode is set on to conserve energy. The fuser must heat up before you can begin printing the next job. | To eliminate warm up delay, change Power Save setting in the soft control panel. |

# Generating a Cleaning Page

## The Cleaning Page Process

- Removes residual impurities from printing surfaces.
- Reduces problems such as repeating marks, blotching, and shading.

To generate a Cleaning Page on the OKIPAGE 6e, enter the **Operator Panel** and click on the **Service** tab. Under **Print Page** click **Cleaning**, then **OK** and follow the on screen instructions.

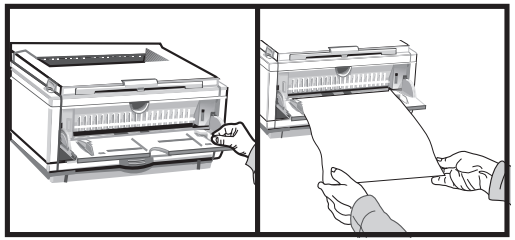
On the OKIPAGE 6ex take the printer off-line.

Press the **[RESET] / [RECOVER]** buttons simultaneously for 2 seconds. The display will show **CLEANING**, **MANUAL A4 SIZE REQUEST.**

Pull the manual tray down to a horizontal position and insert a clean sheet of A4 paper. The paper will be pulled automatically into the printer and **PRINT CLEANING** will be displayed in the message window.

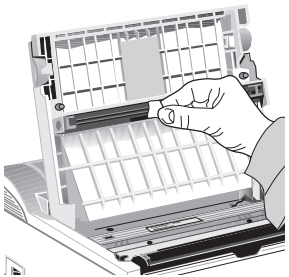
When complete the printer will return to the off-line mode.

Close the manual feed tray and press the **[ON-LINE]** button.



# Cleaning the LED Array

## Clean the LED array



- Whenever you install a new toner cartridge.
- If you see faded vertical areas or light printing down a page.

Wipe the LED array gently with the cleaning pad that came with your toner cartridge. You can also use a clean, soft cloth with a small amount of rubbing alcohol on it.

## What is a Font?

A font is a set of letters and other characters with a common design and style. The OKIPAGE 6e/6ex provide a bitmapped font which has a specific height and point size. In addition there are also resident scalable fonts, which you can print in any size from 4 points to 999.75 points. (1 point = $^{1}/_{72}$")

## Selecting Fonts in Your Software

The easiest way to select fonts is through your software program. Your software can send a printer command that consists of a set of codes, one for each of the font characteristics. If your software has the appropriate driver, you can specify the font you want, and it will send the necessary commands to the printer. For detailed information on how to select fonts in your software package, refer to your software documentation.

## OKIPAGE 6e/6ex Fonts

These typefaces are resident in the OKIPAGE 6e/6ex:

- 35 MicroType® scalable fonts
- 10 TrueType® scalable fonts
- 1 Line Printer bitmap font
- OCR A/B

The default font is Courier.

To see a sample of the printer's resident fonts, enter the **Operator Panel**. Click on **Service** tab. Under **Print Page** click **Fonts**, then **OK**.

## Symbol Sets

Your printer provides special sets of characters for technical, legal and foreign language uses, as well as sets of drawing characters and standard alphanumeric characters. Each font uses symbols from one or more of these sets.

A list of symbol sets is available in the Programmer's Reference Guide for your printer which is available as a hard copy or on disk from your OKI dealer.

## Printer Menus

Use the printer's menus to change the settings of printer features. Your selections stay in memory even when you turn off the printer.

*If your software can control a feature that is also controlled in the printer menu, the software will override the menu setting. Use your software to control printer features whenever possible.*

## Printing the Menu (OKIPAGE 6ex)

To see a printout of the menu:

1. Press **[ON-LINE]** to take the printer off-line.
2. Press and hold **[PAPER SIZE]/[Print Menu]**. The Menu prints.

### Using Quick Menus

Quick Menus allow direct access to three often-used features:

Power Save, Paper Size, and Tray Type.

To access a Quick Menu:

1. Press **[ON-LINE]** to place the printer off-line.
2. Press the button indicating the Quick Menu you want.
3. Press **[ ▷ ]** to see available options.
4. Press **[ENTER]** to select an option.
5. Press **[ON-LINE]** to exit the menu.

## How to Enter the Menu and Select Options for the OKIPAGE 6ex

Using the front panel buttons, you can enter the printer menu and change the default settings.

Use your software to control printer settings whenever possible. If you can set a feature in your software, it will override the printer menu setting.

Menu features are organized into three levels: ***Categories***, ***Items***, and ***Options***.

1. Press **[ON-LINE]** to place the printer off-line.
2. Select a ***Category*** by pressing **[MENU 1]** until the category you want displays, then press **[ENTER]**.
3. Press **[▷]** to display the ***Options*** available for the first Item in that category.
4. Press **[ENTER]** to select the ***Option*** you want.
5. Press **[MENU 1]** to see the other Items available in that Category, then repeat steps 3-5.

*If there are no other Items available in a Category, pressing* **[MENU 1]** *will return you to the Category level of the Menu.*

6. Press **[ON-LINE]** to exit the menu.

*Hold* **[MENU 1]** *for one second to move back one category, or press and continue to hold* **[MENU 1]** *to quickly move through all the menu categories.*

The following tables list the printer menu selections. Factory default settings are in bold italic.

## Level 1 Menu (OKIPAGE 6ex)

| Category | Items | Options |
|---|---|---|
| PRINTER LANGUAGE | EMULATE | ***HP4***, EPSONFX, IBM PPR, HIPER-W, AUTO |
| TRAY SELECT | MANUAL<br>PAPER IN<br>AUTO TRAY *(if Tray 2 is installed)* | ***OFF,*** ON<br>***TRAY 1***, TRAY 2 *(if installed)*<br>***OFF***, ON |
| EDIT SIZE | EDT SIZE | ***CASSETT***, LETTER, EXEC, LEGAL14, LEGAL13, A4 SIZE, A5 SIZE, A6 SIZE, B5 SIZE, COM-9, COM-10, MONARCH, DL ENV, C5 ENV, CUSTOM |
| PAPER SIZE | TRAY 1 | ***A4 SIZE***, A5 SIZE, A6 SIZE, B5 SIZE, LETTER, EXEC, *LEGAL14, LEGAL13 (optional tray)* |
| | MANUAL | ***A4 SIZE***, A5 SIZE, A6 SIZE, B5 SIZE, COM-9, COM-10, MONARCH, DL ENV, C5 ENV, LETTER, EXEC, LEGAL14, LEGAL13 |
| | TRAY 2 *(appears if installed)* | ***A4 SIZE***, A5 SIZE, A6 SIZE, B5 SIZE, LETTER, EXEC, LEGAL14, LEGAL13 |
| | FEEDER *(appears if installed)* | ***A4 SIZE***, A5 SIZE, A6 SIZE, B5 SIZE, COM-9, COM-10, MONARCH, DL ENV, C5 ENV, LETTER, EXEC, LEGAL14, LEGAL13 |
| MEDIA TYPE | TRAY1/TRAY 2 *(if installed)* | ***MEDIUM***, M HEAVY, HEAVY, LIGHT, M LIGHT |

| Category | Items | Options |
|---|---|---|
| PAPER SIZE CHK | SIZE CHK | ***ENABLE***, DISABLE |
| COPIES | COPIES | ***1*** to 999 |
| FONTS & SYMBOLS | FONT SRC | ***RESIDENT***, CARD *(appears if installed)* |
| | DLLSOFT *(appears if loaded)* | |
| | FONT NO. | ***I000*** to I047 |
| | FONT CPI *(appears if selected font is scalable/fixed spaced)* | ***10.00***, 0.44 to 99.99 |
| | FONT HGT *(appears if selected font is scalable proportional spaced)* | ***12.00***, 4.00 to 999.75 |
| | SYMBOL | ***ROMAN-8***, *(81 symbol sets are available)* |
| PAGE LAYOUT 1 | A4 WIDTH | ***78 COL***, 80 COL |
| | BLNKSKIP | ***OFF***, ON |
| | CR FUNCTION | ***CR***, CR+LF |
| | LF FUNCTION | ***LF***, LF+CR |
| PAGE LAYOUT 2 | ORIENT | ***PORTRT***, LANDSCP |
| | LINES/PG | ***64 LNS***, 5 to 128 LNS |

## Level 2 Menu (OKIPAGE 6ex)

To enter the Level 2 Menu, press and ***hold*** the **[MENU 1]/[Menu 2]** button for 2 seconds.

| Category | Items | Options |
|---|---|---|
| PRINT MODE | MODE *(resolution)* | ***600***, V1200 (600 × 1200 dpi), 300 |
| MEMORY USAGE | RST BUF | (V1200) - ***AUTO***, 480KB to 1.44MB<br>(OKI600) - ***AUTO***, 360KB to 1.44MB<br>(OKI300) - ***AUTO***, 180KB to 900KB, FUL LTR, FUL A4, FUL LGL |
| | REC BUFF | ***AUTO***, 8KB to 1 MB |
| | FONT PROT | ***AUTO***, OFF, 100Kb, 200Kb.....1.1Mb |
| | FREE MEM | ##### KB |
| AUTO OPERATION | AUTOCONT | ***OFF***, ON |
| | AUTO EJECT | ***OFF***, ON, 5 secs, 6 secs....300 secs |
| DARKNESS CONTROL | DARKNESS | ***0***, +1, +2, -2, -1 |
| POWER SAVING | POWER SAVING | ***0 SEC***, 8 MIN, DISABLE |
| LOW TONER | LOW TNR | ***ON***, OFF |
| TONER SAVING | TONER | ***DISABLE***, MEDIUM, LIGHT |

| Category | Items | Options |
|---|---|---|
| CLEARABLE WARNINGS | CLR WRNG | ***ON***, JOB |
| PARALLEL I/F | SPEED | ***HIGH***, MEDIUM |
| | BI-DIRCT | ***ENABLE***, DISABLE |
| | I-PRIME | ***OFF***, ON |
| LANGUAGE | LANGUAGE | ***ENGLISH***, DEUTSCH, FRANCIS, ITALIAN, CASTLAN, SVENSKA, NORSK, DANSK, NEDERL, TÜRKCE, PORTUG, POLSKI |

## Maintenance Menu (OKIPAGE 6ex)

This menu includes printer maintenance and operating functions. To enter the Maintenance Menu:

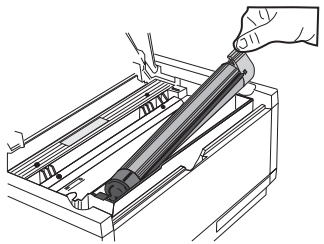
1. Turn off the printer.
2. Press and hold **[MENU 1]** and turn the printer on. **USER MNU** displays.
3. Press **[MENU 1]** repeatedly to advance to the category you want.
4. Press **[ENTER]** to invoke a function; or press **[▷]** to see other options, then press **[ENTER]** to select the option you want. Press **[ON-LINE]** to exit.

| | | |
|---|---|---|
| MENU RESET | Reset Level 1 menu to factory settings. | |
| HEX DUMP | Print a hexadecimal dump of received data for diagnostics. To exit, turn off the printer. | |
| DRUM CNT RESET | Reset the drum counter after replacing the image drum cartridge. | |
| OP MENU ENABLE | DISABLE = | Disables all control panel buttons except **[ON-LINE]**. |
| | ENABLE = | All buttons are active. |
| X ADJUST | Adjust horizontal print position in 0.25 mm increments. Plus (+) indicates right movement, minus (-) indicates left movement. | |
| Y ADJUST | Adjust vertical print position in 0.25 mm increments. Plus (+) indicated downward movement, minus (-) indicates upward movement. | |

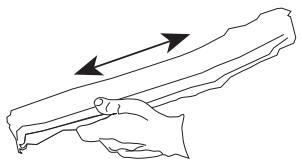
## Replacing the Toner Cartridge

*Do not remove cartridge from packaging.*

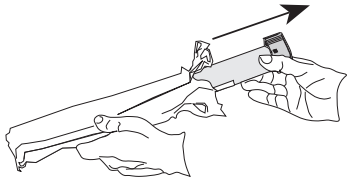
1. Open the cover and remove the used toner cartridge.



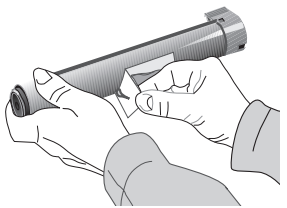
2. Shake the toner cartridge to evenly distribute toner.



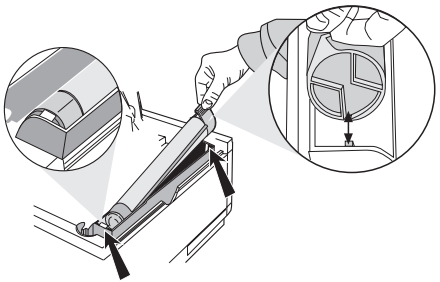
3. Unwrap the new cartridge.



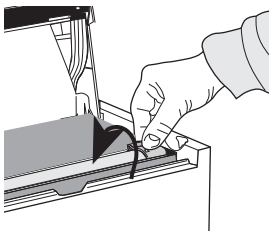
4. Remove the tape.



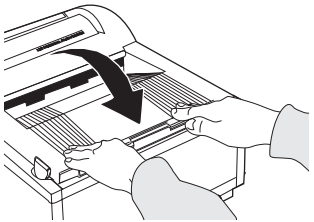
5. Insert the toner cartridge.



6. When the cartridge is in place, push the blue lock lever forward until it stops.



7. Close the printer cover.



## Toner Cartridge Life

How long your toner cartridge lasts depends on the print density, the percentage of the page that prints black. A typical letter has 3% to 5% print density; graphics usually have higher density. Higher print density means toner is used up faster.

At 5% print density, a toner cartridge will print an average of 2,000 pages. Remember, this is only an average: actual results may vary.

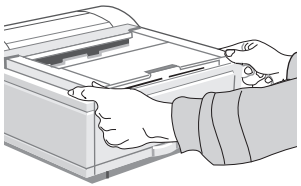
The first toner cartridge in your new printer has to fill the drum reservoir and saturate the developing roller with toner. It normally produces about 1,000 pages.

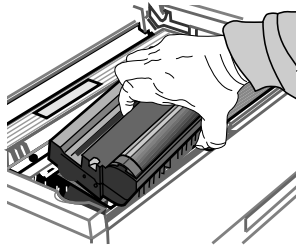
## When to Replace the Toner Cartridge

Replace the toner cartridge when you see the **TONER LOW** message displayed in your status monitor on the OKIPAGE 6e or in the message window on your OKIPAGE 6ex. You can continue printing until print quality deteriorates.

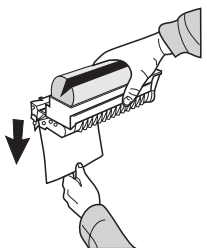
## Replacing the Image Drum Cartridge

1. Open the cover and remove the used image drum cartridge.

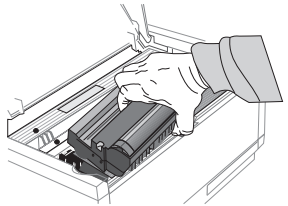




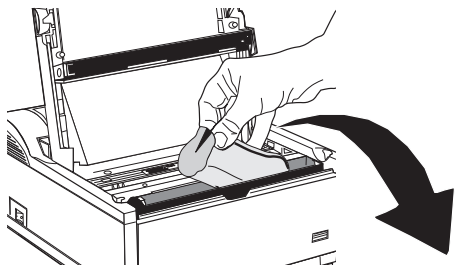
2. Unwrap the new Image Drum cartridge and remove the protective sheet.



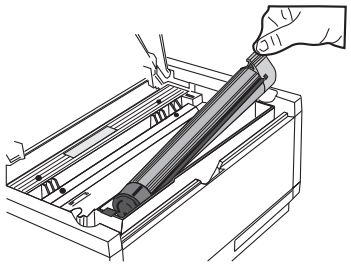
3. Insert the new Image Drum cartridge.



4. Remove the sponge insert.



5. Install new toner cartridge. *(see page 26)*



6. Reset the drum counter. For the OKIPAGE 6e, enter the **Operator Panel**. Click on the **Service** tab. Under **Reset** click **Drum Count**, then click **OK**.

   For resetting the drum counter on the OKIPAGE 6ex *see page 25.*

## Image Drum Cartridge Life

The life of an image drum depends on a number of factors, including temperature and humidity, the type of paper you use, and the number of pages per job.

The image drum cartridge should last about 10,000 pages at one page per job, 16,000 pages at three pages per job and 20,000 pages at fifteen pages per job. These numbers are approximate, since you do not print the same number of pages each time, and environmental conditions and paper type used may vary.

## When to Replace the Image Drum Cartridge

When the drum reaches 90% of its life, the Status Monitor on the OKIPAGE 6e or the message window on the OKIPAGE 6ex displays **CHG DRUM**. At this point, be sure you have a new drum on hand. Replace the old one as soon as the print quality becomes faint or starts to deteriorate.

# LCD Window Display Messages for OKIPAGE 6ex

## Printer Status Messages

This section contains explanations of the different messages you will see, displayed on one, or both lines in the LCD window of your printer.

### Lamp Status

ON

OFF

BLINK

UNDEFINED

### Control Panel

Ready

ON-LINE

| *Message* | *Status* |
|---|---|
| Ready<br>ON-LINE<br>WARM UP | Indicates the printer is warming up prior to operation. |
| Ready<br>ON-LINE<br>XXX | Indicates the printer is in ON LINE mode. XXX = HP4, FX, PPR, WIN, AUTO. |
| Ready<br>OFF-LINE<br>XXX | Indicates the printer is in OFF-LINE mode. |
| Ready<br>DATA<br>XXX | Ready ON: Indicates that there is data in the printer buffer.<br>Ready BLINK: Indicates that the printer is receiving data. |
| Ready<br>PRINTING | Printer is printing. |
| Ready<br>CPY nnn/mmm | Indicates that copy pages are being printed.<br>nnn = current page.<br>mmm = total pages. |
| Ready<br>PWR SAVE | Indicates that the printer is operating in power saving mode. |

| *Message* | *Status* |
|---|---|
| Ready ▨ TONER LOW | Indicates the amount of toner left in the toner cartridge is low. Print quality may be affected. |
| Ready ▭ NO PS | Indicates that the printer does not have a PS card. |
| Ready ▨ RESET | The printer clears the remaining data in its buffer and resets the menu to user default settings.<br>Temporary DLL/Macro data is also cleared. |
| Ready ▨ PRINT DEMO | The printer will print a demo page.<br>Ready ON – Initiated by software command.<br>Ready BLINK – Initiated by button. |
| Ready ▨ PRINT MENU | The printer will print current menu settings.<br>Ready ON – Initiated by software command.<br>Ready BLINK – Initiated by button. |

| *Message* | *Status* |
|---|---|
| Ready ▨ PRINT FONTS | The printer will print all the available fonts.<br>Ready ON – initiated by software command.<br>Ready BLINK – initiated by button. |
| Ready ▨ CHG DRUM | Indicates that the printer has reached the end of its life (image drum).<br>Print quality may be affected. |
| Ready ▨ PRINT CLEANING | Indicates that the printer is cleaning. |
| Ready ▨ CLEANING MANUAL# | The printer is requesting # size paper to be inserted for cleaning process. |
| Ready ▨ MANUAL XXXXXXXX | The printer is asking you to insert requested size paper.<br>XXXXXXXX = (Paper Size)<br>SIZE REQUEST |

| *Message* | *Status* |
|---|---|
| Ready<br>#1<br>XXXXXXXX | The printer is asking you to insert the correct size paper in the paper tray.<br># 1 = Tray1, feeder, Tray2 (option).<br>XXXXXXXX = (Paper Size)<br>SIZE REQUEST |
| Ready<br>#1<br>PAPER OUT | Indicates that the paper tray is empty.<br># 1 = Tray1, feeder, Tray2 (option).<br>Tray 1: Upper Tray<br>Tray 2: Lower Tray<br>Feeder: Multi Media Feeder |
| Ready<br>MEMORY<br>OVERFLOW | Memory has overflowed for one of the following reasons.<br>1. Too much data on page.<br>2. Too much macro data.<br>3. Too much DLL data.<br>Press **[RECOVER]** to continue. Install extra memory or reduce data on page. |
| Ready<br>COVER T2<br>OPEN | Indicates that the 2nd tray cover is open. |

| *Message* | *Status* |
|---|---|
| Ready<br>REC BUF<br>OVERFLOW | The receive buffer memory has overflowed. Press **[RECOVER]** to continue. The PC ignores printer busy signal in the interface, check cable pin assignments. |
| Ready<br>PRINT<br>OVERRUN | Print processing speed could not follow the paper feed speed. Press **[RECOVER]** to continue. Simplify page formatting data or select Page Protection menu. |
| Ready<br>HOST I/F<br>ERROR | Parity error, framing eror, overrun error found on serial interface. Press **[RECOVER]** to continue. Check communication protocol PC to printer. |
| Ready<br>#<br>SIZE ERR | Wrong paper size found. Open and close printer cover to continue.Check paper size or paper double feed.<br># = Tray1, feeder, Tray2 (option). |
| Ready<br>TONERSNS | Toner sensor error. |

| *Message* | *Status* |
|---|---|
| Ready # INPUTJAM | Paper jam found, when fed from paper tray. Check paper in the tray. Open and close printer cover to continue. # = Tray1, feeder, Tray2 (option). |
| Ready # FEED JAM | Paper jam found, during paper feed.Remove misfed paper and close printer cover to continue. # = Tray1, feeder, Tray2 (option). |
| Ready # EXIT JAM | Paper jam is found in paper exit area. Open printer cover, remove paper, close printer cover to continue. # = Tray1, feeder, Tray2 (option). |
| Ready COVER OPEN | Cover is open. Press down firmly to close. |
| Ready ERROR(nn) | Abnormality found in the printer. Switch printer off then on again to clear, if problem persists, contact service representative. |

| *Message* | *Status* |
|---|---|
| Ready ERROR 0n aaaaaaaa | Abnormality found in the printer. Switch printer off then on again to clear, if problem persists, contact service representative. |
| Ready  88888888 88888888 | Displayed in window for one second after switching on power, for test purposes. |
| Ready  INITIAL- IZING | Printer is in initialization mode after switching on, prior to on- line mode. |
| Ready  RESET TO SAVE | Printer is requesting **[RESET]** button to be pressed for more than 2 seconds, to write new menu data to EEPROM. |

*For further information on the meaning of the (nn) part of the ERROR message please refer to the table on the following page.*

| *Message* | *Status* |
|---|---|
| Ready<br>EEPROM<br>RESETING | EEPROM ID check error. Press **[RECOVER]** to reset EEPROM to factory default. |

## Error Code Table

| CODE (nn) | Error |
|---|---|
| 4 | Address error (Load Command Fetch) |
| 5 | Address error (Store) |
| 6 | Bus error (Command Fetch) |
| 7 | Bus error (Load, Store) |
| 8 | System call |
| 9 | Break point |
| A | Reserved instruction |
| B | Coprocessor unusable |
| C | Arithmetic overflow |
| 10 | Program ROM check error |
| 20 | Font ROM check error |
| 30 | Resident RAM check error |
| 40 | EEPROM check error |
| 50 | Option software ROM check error |
| 60 | Option RAM check error |
| 70 | Fan error |
| 71 | Fuser error |
| 72 | Thermister error (open check error) |
| 73 | Thermister error (short check error) |
| 74 | SSIO error |
| 80 | Operator panel I/F error |
| 81 | Optional Tray I/F error |
| 90 | Watchdog timer time out |
| F0 | Monitor error (double wait) |
| F1 | Monitor error (argument error) |
| F2 | Option timeout error |
| F3 | Option status error |
| F4 | BG Program error |
| F5 | System timer error |
| F6 | IPT2 program error |

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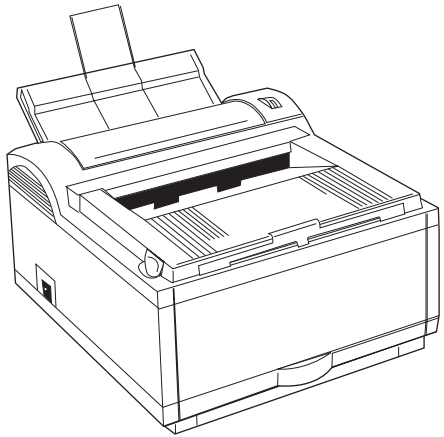

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